

Abstract

The invention relates to a valve (2) for a fuel injection system, having a valve seat (8) embodied in a valve housing (4) and having a valve member (6), which is movable in the valve housing (4) and has a sealing face (10) that when the valve (2) is closed rests sealingly against the valve seat (8) and when the valve (2) is open, together with the valve seat (8), defines a valve gap (12) through which fuel flows. To prevent cavitation damage, it is proposed that the valve member (6) has an encompassing hollow throat (18), which is disposed in the flow direction immediately downstream of the sealing face (10) and is adjoined by an encompassing cross-sectional thickening (20) of the valve member (6).

(Fig. 2)